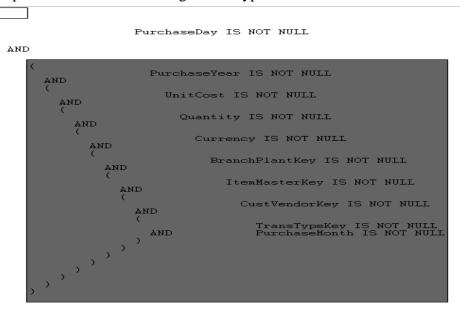
Module 5

Data Source: Access table

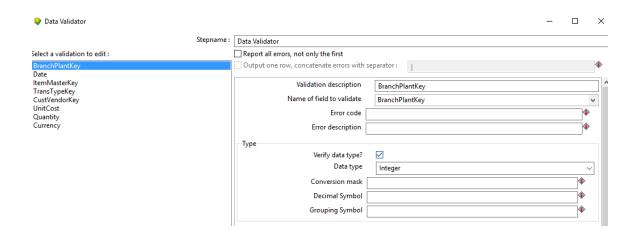
Software: Pentaho Data Integration Software and Oracle Database.

Requirements: First we need to load access file and the check the filters and add validations.

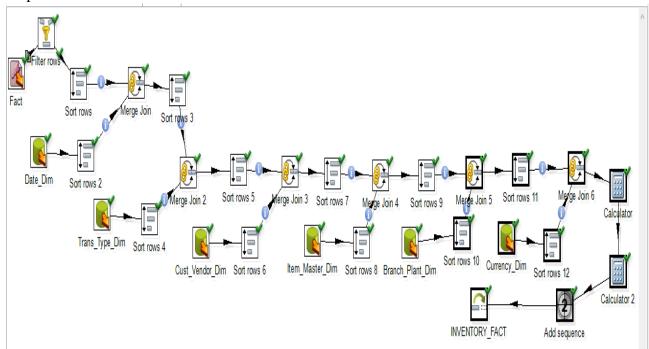
1. Step 1 : Filter Rows according to data types.



Step 2: DataValidator (Check Data Type)



Step 3: Transformation



- 1. Calculator1 => represents Unit_Cost(Inserting) = Unit_Cost * Exchange_Rate
- 2. Calculator2 =>reprsents Ext_cost = Unit_Cost(calculated from Calculator 1)* Quantity Output: 11 rows will be affected.

2.												
# ^	Stepname	Copynr	Read	Written	Input	Output	Updated	Rejected	Errors	Active	Time	Speed (r/s)
7	Sort rows 3	0	12	12	0	0	0	0	0	Finished	0.5s	24
3	Merge Join 2	0	17	12	0	0	0	0	0	Finished	0.9s	20
)	Sort rows 4	0	5	5	0	0	0	0	0	Finished	0.0s	200
0	Trans_Type_Dim	0	0	5	5	0	0	0	0	Finished	0.0s	135
1	Branch_Plant_Dim	0	0	20	20	0	0	0	0	Finished	0.0s	426
2	Sort rows 10	0	20	20	0	0	0	0	0	Finished	0.0s	488
3	Currency_Dim	0	0	4	4	0	0	0	0	Finished	0.0s	114
4	Sort rows 12	0	4	4	0	0	0	0	0	Finished	0.0s	138
5	Cust_Vendor_Dim	0	0	20	20	0	0	0	0	Finished	0.1s	370
6	Sort rows 6	0	20	20	0	0	0	0	0	Finished	0.1s	351
7	Item_Master_Dim	0	0	20	20	0	0	0	0	Finished	0.1s	392
8	Sort rows 8	0	20	20	0	0	0	0	0	Finished	0.0s	444
9	Merge Join 3	0	32	11	0	0	0	0	0	Finished	1.2s	26
0	Sort rows 7	0	11	11	0	0	0	0	0	Finished	1.3s	9
1	Merge Join 4	0	31	11	0	0	0	0	0	Finished	1.6s	19
2	Sort rows 9	0	11	11	0	0	0	0	0	Finished	1.7s	-
3	Merge Join 5	0	31	11	0	0	0	0	0	Finished	2.0s	15
4	Sort rows 11	0	11	11	0	0	0	0	0	Finished	2.1s	
5	Merge Join 6	0	15	11	0	0	0	0	0	Finished	2.4s	
6	Sort rows 5	0	12	12	0	0	0	0	0	Finished	0.9s	14
7	Calculator	0	11	11	0	0	0	0	0	Finished	2.4s	4
8	Calculator 2	0	11	11	0	0	0	0	0	Finished	2.4s	4
9	Add sequence	0	11	11	0	0	0	0	0	Finished	2.5s	
0	INVENTORY_FACT	0	11	11	11	11	0	0	0	Finished	2.5s	4

Step 4: Loading ,we can see there are 11 new rows, that are get inserted in the database.

INVENTORYKEY	BRANCHPLANTKEY	DATEKEY	ITEMMASTERKEY	TRANSTYPEKEY	CUSTVENDORKEY	UNITCOST	QUANTITY	EXTCOST
18333	18	16	20	2	8	22	90	1980
18332	16	5	4	2	6	14.45	80	1156
18331	12	1	1	2	12	24.3	60	1458
18330	8	8	6	4	10	25.36	65	1648.4
18329	2	2	2	2	4	45.2	10	452
18328	18	13	12	2	2	1.826	25	45.65
18327	14	3	2	4	10	2.689	55	147.9
18326	6	7	6	4	14	24.178	30	725.34
18325	2	6	4	4	8	21.7448	75	1630.86
18324	16	11	10	2	12	29.078	45	1308.51
18323	10	14	14	4	18	76.3	50	3815